Met Office Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 00:00 on Saturday 04 Feb 2023 until 23:59 on Sunday 05 Feb 2023

Forecast Issued on Friday 03 Feb 2023 at 15:01

Confidence: High confidence for the general story with a lot of dry weather over the next few days. Lower for the position of a weak weather front over the UK on Tuesday and Wednesday brining cloud and patchy rain.

Headline for Saturday 04 Feb 2023: Cloudy but mostly dry. Spell of rain late afternoon and early evening.

Mountain weather hazards on Saturday 04 Feb 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** Low Likelihood	**Poor visibility** Medium Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
FOG	FOG	FOG					
Fog	Fog	Fog	Dull	Cloudy	Cloudy	Heavy Rain	Partly cloudy (night)
Precipitation probability							
10%	10%	10%	10%	10%	10%	70%	30%

Forecast for Saturday 04 Feb 2023

Weather: Cloudy for most of the day with the odd spot of light rain and some fog on the tops, mainly over western hills. Eastern and northern parts of the Dales may see a little brightness at times. Rain will arrive from the northwest from around late afternoon, turning to sleet for a time on the tops before clearing in the evening. Dry and clear for the rest of the evening.

Chance of cloud-free hill tops above 600m: Ranging from 30% in the west to 70% in east.

Low Cloud and visibility: Areas of low cloud and fog affecting western hills for most of the time above 500 or 600m but patchier cover further east. Below the cloud, mainly good visibility but poor in rain later, falling to a few km at times. Cloud clearing from all hills during the evening as rain clears away.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
© Crown Copyright 2023. All Rights Reserved.

Met Office Mountain Weather Forecast

Forecast for Saturday 04 Feb 2023

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	11/16 W	10/15 SW	13/19 SW	16/24 SW	20/29 SW	20/29 SW	19/27 W	16/24 NW	13/21 NW
300	6/16 W	5/12 SW	8/17 SW	10/21 SW	13/26 SW	13/27 SW	12/25 W	10/23 NW	7/19 NW
Valley	3/10 W	3/10 SW	7/15 SW	8/19 SW	12/24 SW	11/24 SW	10/23 W	6/18 NW	5/16 NW

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	5/1	5/1	4/0	4/-1	4/-2	4/-2	4/-1	2/-4	-0/-6
300	6/4	6/5	6/4	6/3	6/2	6/2	6/2	4/0	2/-2
Valley	7/6	7/6	7/5	7/4	8/4	8/4	7/4	5/2	3/0
Freezing Level*	1300m	1300m	1200m	1100m	1000m	1100m	1400m	700m	500m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Feeling rather cold on the tops, especially up in the cloud across more western hills and in exposure to the west or southwesterly winds with gusts of 30 to 40mph.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
15:00 on Fri 03 Feb 2023	28mm	42mm	59.4mm

Forecast for Sunday 05 Feb 2023

Weather: Dry with clear skies and a frost overnight. High pressure over the area will bring a fine and dry day with long bright or sunny spells. High cloud may spread across from the west later. Feeling cold on the tops.

Maximum wind: North or Northwest 20mph gusts 30mph overnight but becoming light and variable during the morning.

Chance of cloud-free hill tops above 600m: 95%.

Low Cloud and visibility: Excellent visibility with clear views of distant hills. No low cloud expected.

Temperature: **Valleys:** Minus 2C to Plus 1C rising to 7C.
At 600m: Minus 3C rising to 0C.
Freezing level: Frost in valleys at first, level rising to around 600m.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
© Crown Copyright 2023. All Rights Reserved.